

What is claimed is:

1. A pouch type secondary battery comprising:
an electrode assembly having positive and negative electrode plates with a separator interposed therebetween, and positive and negative electrode terminals extending from the positive and negative electrode plates, respectively;
a pouch casing having a space in which the electrode assembly is housed, wherein the space is to be sealed, a seal portion provided at the periphery of the space, and at least one of the positive and negative electrode terminals exposed to the seal portion; and
at least one opening member disposed at the seal portion and made of a resin material having a lower melting point than the seal portion of the pouch casing.
2. The pouch type secondary battery according to claim 1, wherein the opening member has a flattened first end, the flattened first end facing the space of the pouch casing.
3. The pouch type secondary battery according to claim 2, wherein the first end is connected to an internal end of the seal portion facing the space of the seal portion at which the opening member is disposed.
4. The pouch type secondary battery according to claim 1, wherein the opening member is polygon shaped.
5. The pouch type secondary battery according to claim 4, wherein the opening member is triangular, wherein one side of a triangle faces an interior side of the seal portion at which the opening member is disposed, and an angle opposite the side is in a range of 30 to 80°.
6. The pouch type secondary battery according to claim 1, wherein the opening member is circular, elliptical or semi-circular.

7. The pouch type secondary battery according to claim 1, wherein the thickness of the opening member in a direction perpendicular to the seal portion is less than a half of the width of the seal portion at which the opening member is disposed.

8. The pouch type secondary battery according to claim 1, wherein the opening member is arranged under a half of the width of the seal portion at which the opening member is disposed.

9. The pouch type secondary battery according to claim 1, wherein the positive and negative electrode terminals are spaced a predetermined distance apart from each other to be exposed outside the pouch casing via the seal portion, and the opening member is interposed between the positive and negative electrode terminals of the seal portion.

10. The pouch type secondary battery according to claim 1, wherein the pouch casing has an adhesion layer made of a resin material on an internal face of the seal portion, and the opening member is made of a resin material having a lower melting point than a melting point of the adhesion layer.

11. The pouch type secondary battery according to claim 10, wherein the opening member is made of a polyethylene resin material.

12. A pouch type secondary battery having a pouch seal portion, comprising:
at least one opening member of the pouch seal portion, the at least one opening member having a triangle shape and comprising a resin material having a lower melting point than a melting point of the pouch seal portion.

13. The pouch type secondary battery of claim 12, wherein one side of the triangle shape faces an interior side of the pouch seal portion at which the opening member is disposed, and an angle opposite the side is in a range of 30 to 80°C.